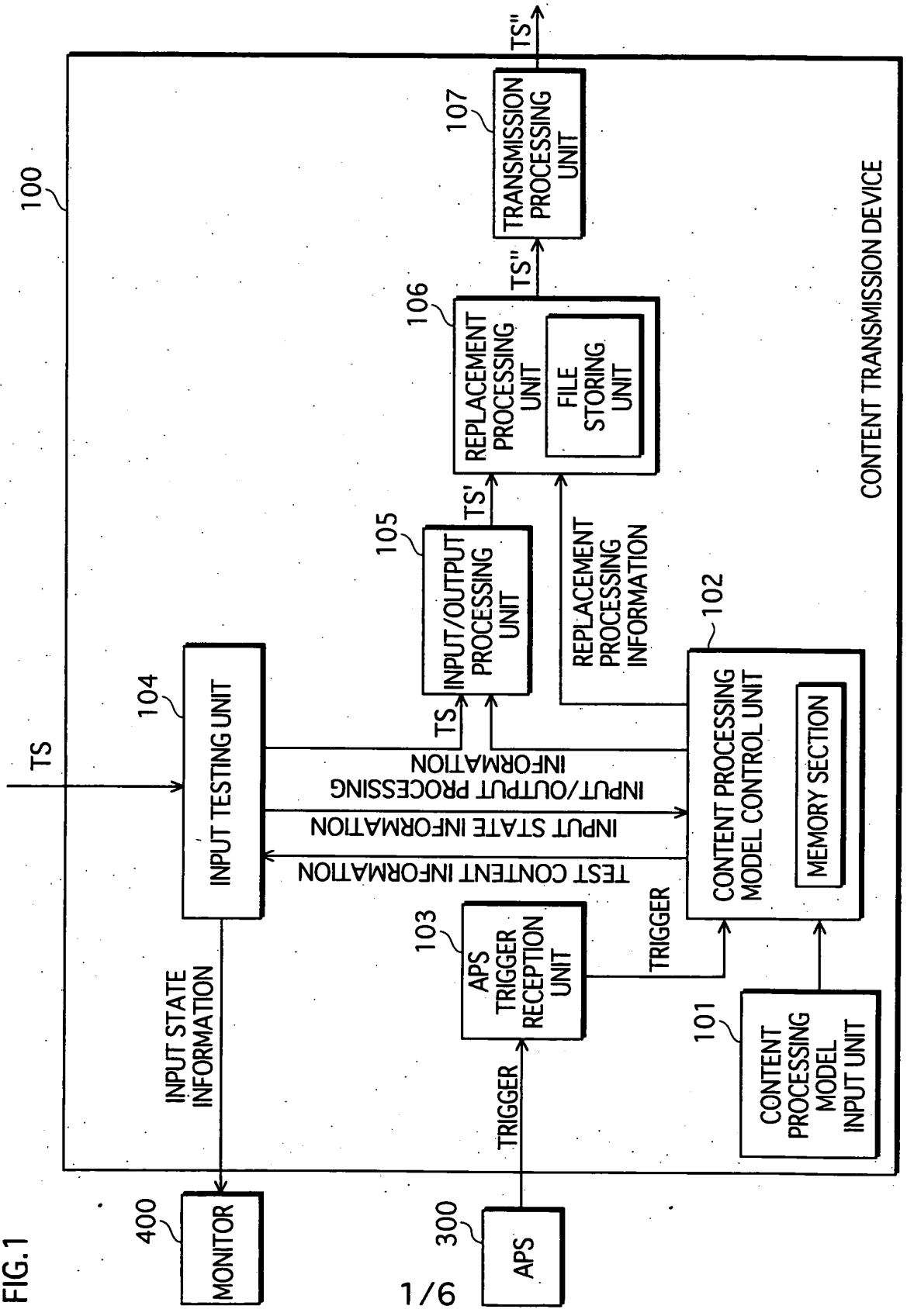
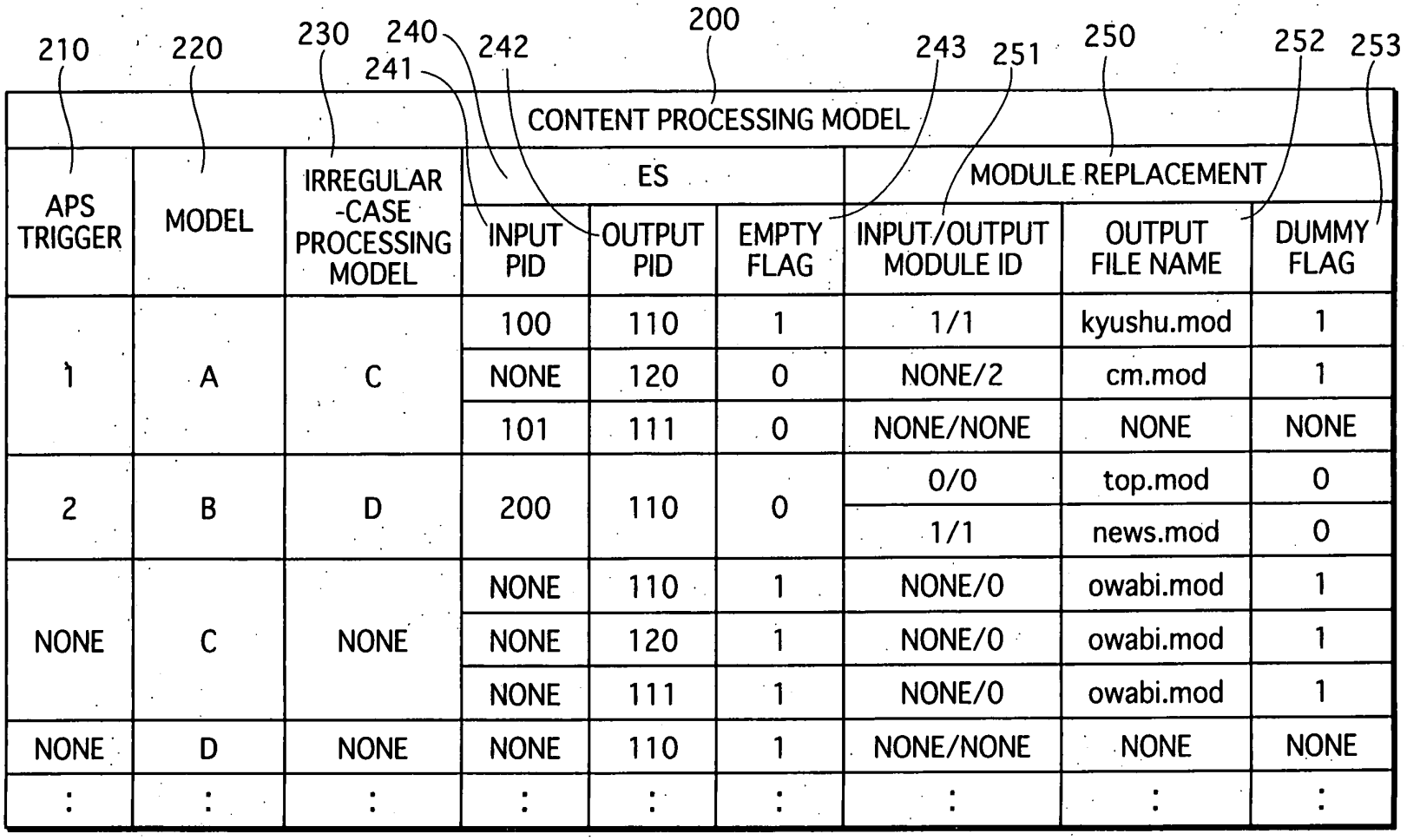

100
CONTENT TRANSMISSION DEVICE
TS
104
INPUT TESTING UNIT
TS
105
INPUT/OUTPUT PROCESSING UNIT
TS'
106
REPLACEMENT PROCESSING UNIT
FILE STORING UNIT
TS''
107
TRANSMISSION PROCESSING UNIT
TS''
REPLACEMENT PROCESSING INFORMATION
102
CONTENT PROCESSING MODEL CONTROL UNIT
MEMORY SECTION
INPUT/OUTPUT PROCESSING INFORMATION
INPUT STATE INFORMATION
TEST CONTENT INFORMATION
103
APS TRIGGER RECEPTION UNIT
TRIGGER
101
CONTENT PROCESSING MODEL INPUT UNIT
INPUT STATE INFORMATION
TRIGGER
400
MONITOR
300
APS

FIG.1

FIG.2



210 APS TRIGGER	220 MODEL	230 IRREGULAR-CASE PROCESSING MODEL	200 CONTENT PROCESSING MODEL						
			ES			MODULE REPLACEMENT			
			241 INPUT PID	242 OUTPUT PID	243 EMPTY FLAG	251 INPUT/OUTPUT MODULE ID	250 OUTPUT FILE NAME	252 DUMMY FLAG	253
1	A	C	100	110	1	1/1	kyushu.mod	1	
			NONE	120	0	NONE/2	cm.mod	1	
			101	111	0	NONE/NONE	NONE	NONE	
2	B	D	200	110	0	0/0	top.mod	0	
						1/1	news.mod	0	
NONE	C	NONE	NONE	110	1	NONE/0	owabi.mod	1	
			NONE	120	1	NONE/0	owabi.mod	1	
			NONE	111	1	NONE/0	owabi.mod	1	
NONE	D	NONE	NONE	110	1	NONE/NONE	NONE	NONE	
:	:	:	:	:	:	:	:	:	

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FIG.3

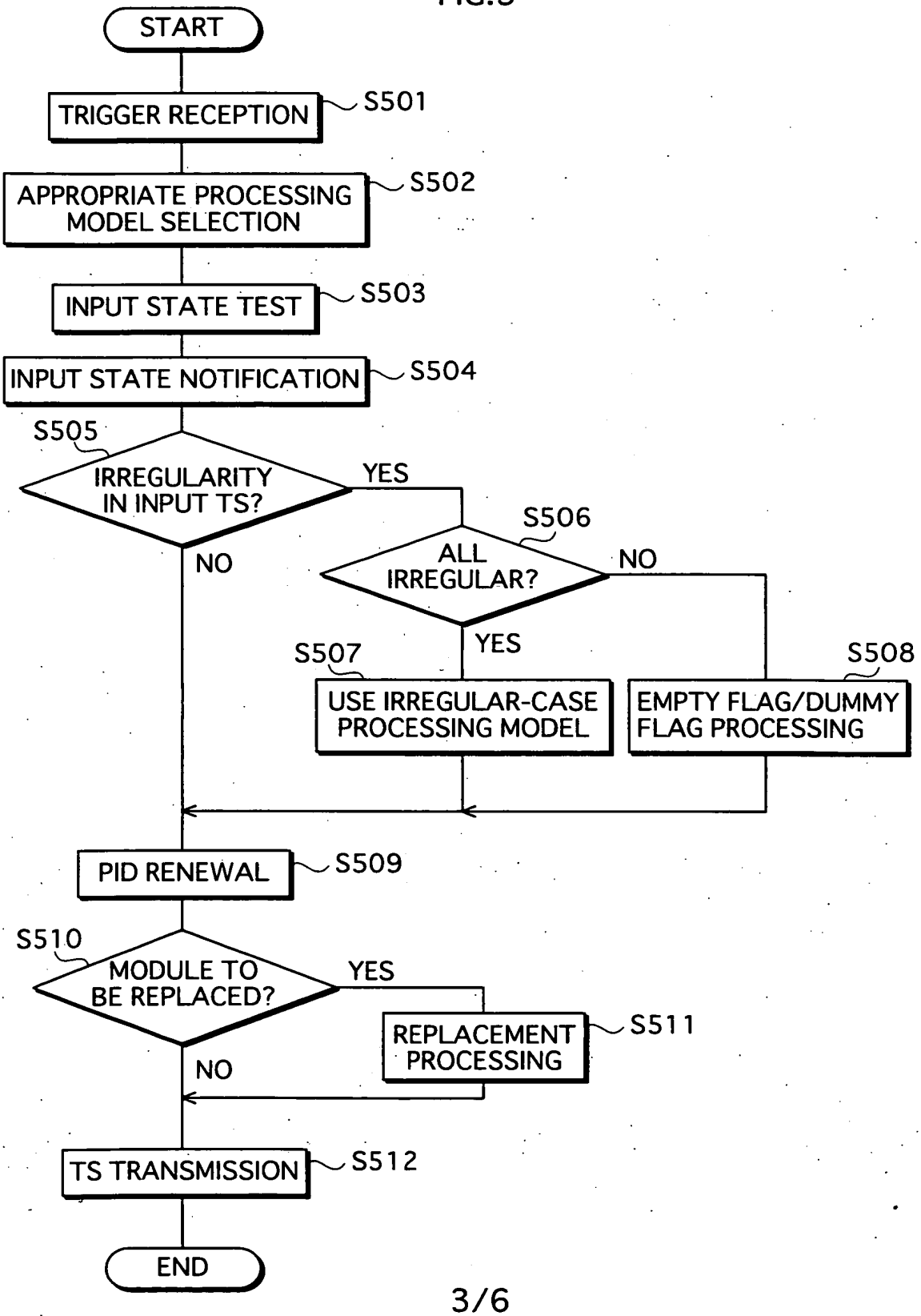

START
TRIGGER RECEPTION
S501
APPROPRIATE PROCESSING MODEL SELECTION
S502
INPUT STATE TEST
S503
INPUT STATE NOTIFICATION
S504
S505
IRREGULARITY IN INPUT TS?
YES
NO
S506
ALL IRREGULAR?
NO
YES
S507
USE IRREGULAR-CASE PROCESSING MODEL
S508
EMPTY FLAG/DUMMY FLAG PROCESSING
PID RENEWAL
S509
S510
MODULE TO BE REPLACED?
YES
NO
REPLACEMENT PROCESSING
S511
TS TRANSMISSION
S512
END

FIG.4

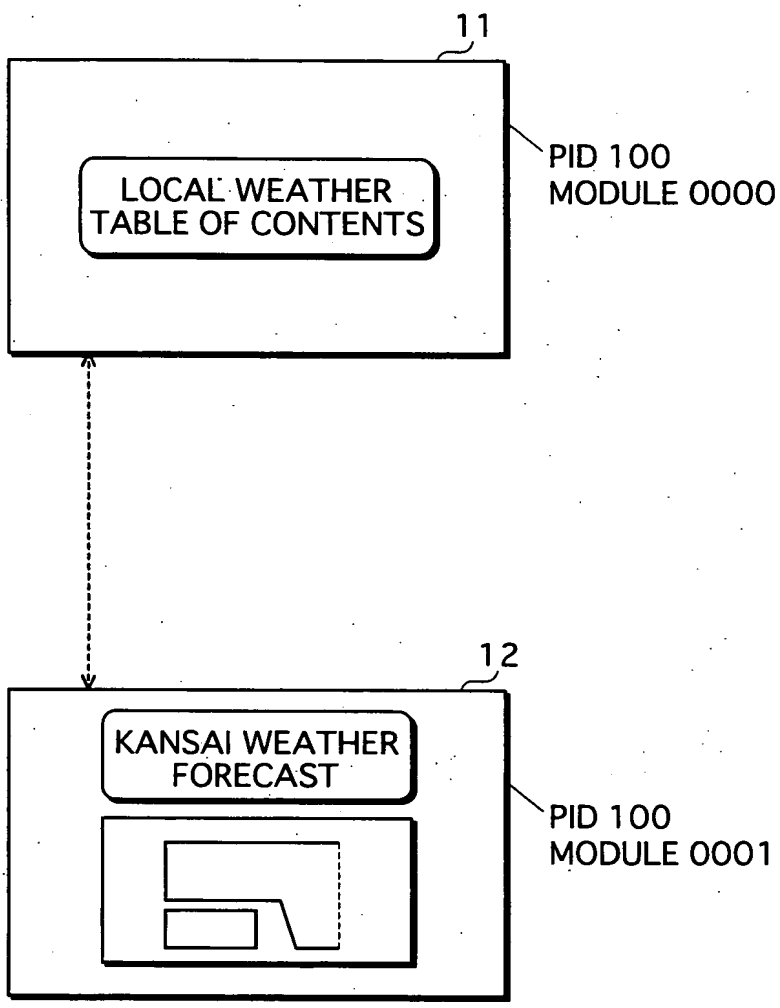

11
LOCAL WEATHER TABLE OF CONTENTS
PID 100
MODULE 0000
12
KANSAI WEATHER FORECAST
PID 100
MODULE 0001

FIG.5

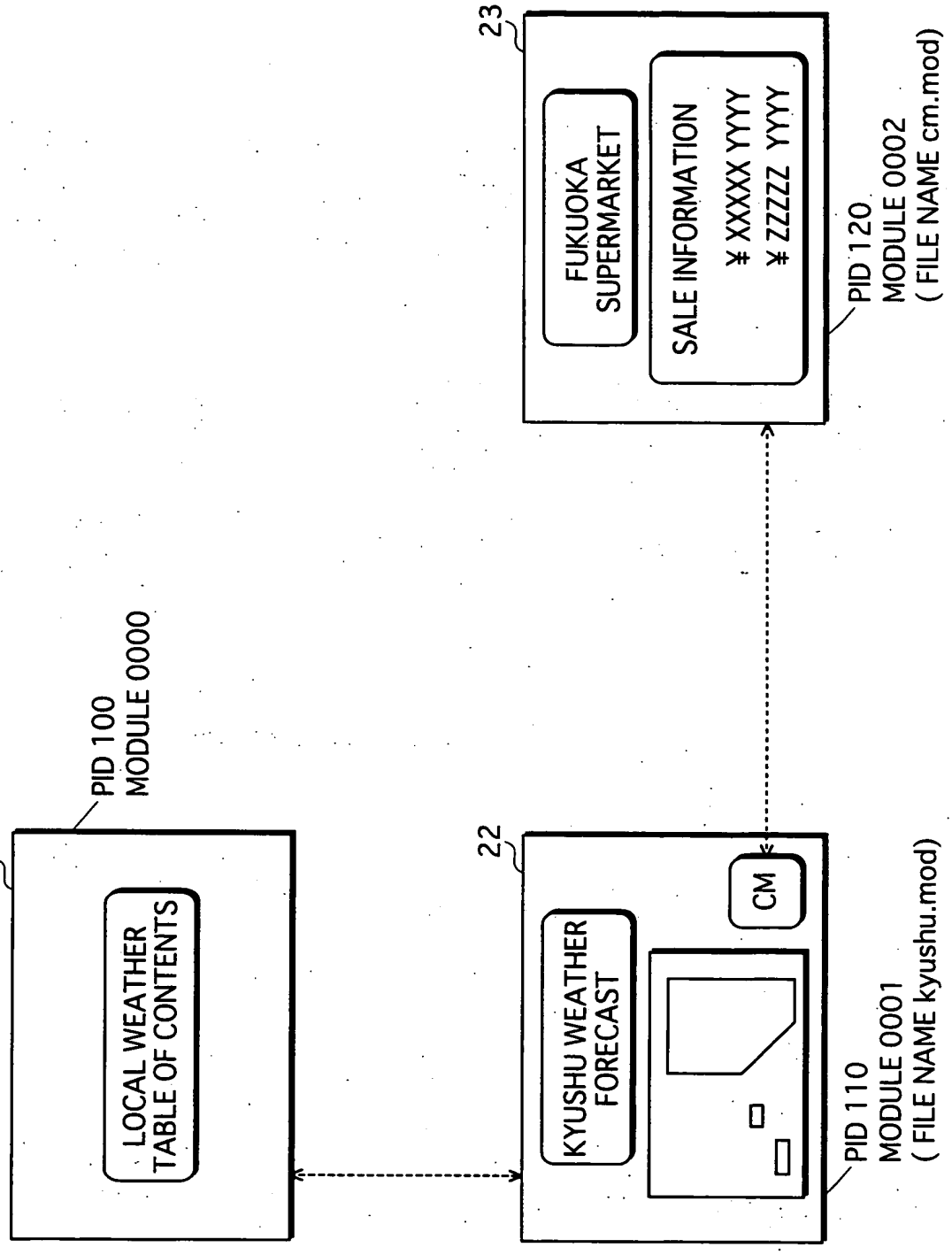
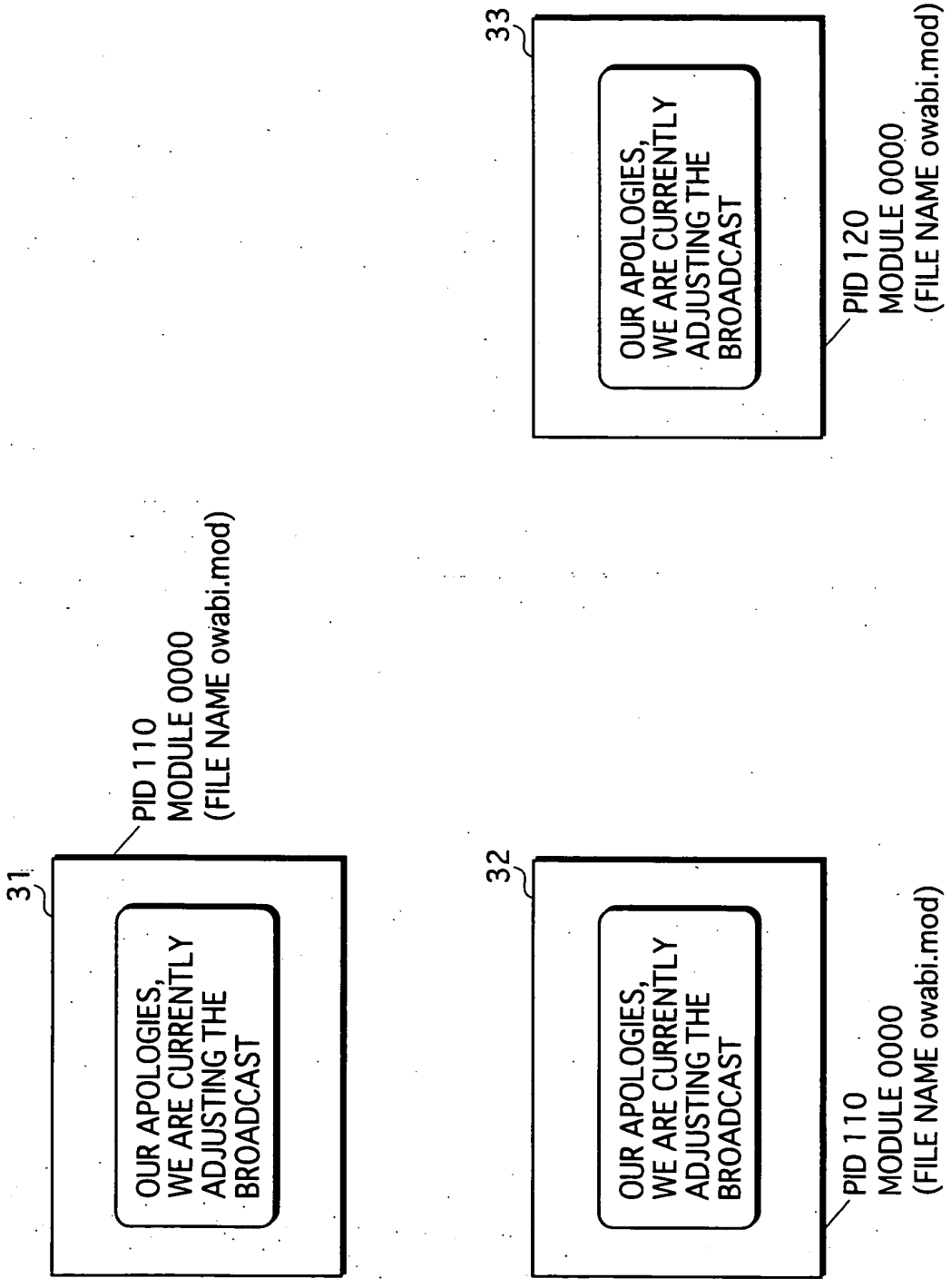

21
PID 100
MODULE 0000
LOCAL WEATHER
TABLE OF CONTENTS
22
KYUSHU WEATHER
FORECAST
CM
PID 110
MODULE 0001
(FILE NAME kyushu.mod)
23
FUKUOKA
SUPERMARKET
SALE INFORMATION
¥ XXXX YYYY
¥ ZZZZ YYYY
PID 120
MODULE 0002
(FILE NAME cm.mod)

FIG.6


31
OUR APOLOGIES, WE ARE CURRENTLY ADJUSTING THE BROADCAST
PID 110
MODULE 0000
(FILE NAME owabi.mod)
32
OUR APOLOGIES, WE ARE CURRENTLY ADJUSTING THE BROADCAST
PID 110
MODULE 0000
(FILE NAME owabi.mod)
33
OUR APOLOGIES, WE ARE CURRENTLY ADJUSTING THE BROADCAST
PID 120
MODULE 0000
(FILE NAME owabi.mod)